

Analyte	Station ID Sample ID Sample Date Sample time Latitude Longitude				GKMSE41 GKMSE41 090415 9/4/2015 09:35 (b) (6)
					Sub Location
Metals, Total	CAS NO	Units		EPA RBC	Lab Result
Aluminum	7429-90-5	mg/Kg dry wt		3300000	9600
Antimony	7440-36-0	mg/Kg dry wt		1300	1.5 J
Arsenic	7440-38-2	mg/Kg dry wt		4200	10 J+
Barium	7440-39-3	mg/Kg dry wt		670000	200
Beryllium	7440-41-7	mg/Kg dry wt		6700	0.61
Cadmium	7440-43-9	mg/Kg dry wt		1700	1.1
Calcium	7440-70-2	mg/Kg dry wt			18000 J+
Chromium	7440-47-3	mg/Kg dry wt		4300000	8.8
Cobalt	7440-48-4	mg/Kg dry wt		1000	8.7
Copper	7440-50-8	mg/Kg dry wt		130000	63
Iron	7439-89-6	mg/Kg dry wt		2300000	26000
Lead	7439-92-1	mg/Kg dry wt		20000	270
Magnesium	7439-95-4	mg/Kg dry wt			3900
Manganese	7439-96-5	mg/Kg dry wt		160000	1200
Mercury	7439-97-6	mg/Kg dry wt		1000	0.03 J
Molybdenum	7439-98-7	mg/Kg dry wt		17000	1.8 J
Nickel	7440-02-0	mg/Kg dry wt		67000	8.8
Potassium	7440-09-7	mg/Kg dry wt			1700
Selenium	7782-49-2	mg/Kg dry wt		17000	0.44 J
Silver	7440-22-4	mg/Kg dry wt		17000	0.84 J
Sodium	7440-23-5	mg/Kg dry wt			110 UJ
Thallium	7440-28-0	mg/Kg dry wt		33	0.14 J-
Vanadium	7440-62-2	mg/Kg dry wt		17000	32 J+
Zinc	7440-66-6	mg/Kg dry wt		1000000	750

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable. The analyte may or may not be present in the sample.

F1 = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

\* = The result exceeds maximum contaminant level

Highlighted Yellow: indicates result exceeded Screening Value